

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/005937

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02K21/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ZHU Z Q ET AL: "INFLUENCE OF DESIGN PARAMETERS ON COGGING TORQUE IN PERMANENT MAGNET MACHINES" IEEE TRANSACTIONS ON ENERGY CONVERSION, IEEE INC. NEW YORK, US, vol. 15, no. 4, 1 December 2000 (2000-12-01), pages 407-412, XP002206342 ISSN: 0885-8969 page 409; figure 4; table I	1,2,4,5
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08, 6 October 2000 (2000-10-06) -& JP 2000 134893 A (HITACHI LTD), 12 May 2000 (2000-05-12) abstract; figures 1,2 page 410 - page 411; table III	1,3,5
-/--		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

23 September 2004

Date of mailing of the international search report

01/10/2004

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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 220 228 A (SIBATA YUTAKA) 15 June 1993 (1993-06-15) figure 12	1,2,4
X	US 2002/003382 A1 (MEGATA HIDEKI ET AL) 10 January 2002 (2002-01-10) column 3, line 25 - line 29	1,2,4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/005937

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2000134893	A	12-05-2000	NONE	
US 5220228	A	15-06-1993	JP 3106869 U	05-11-1991
US 2002003382	A1	10-01-2002	JP 2001339921 A	07-12-2001
			DE 10125005 A1	06-12-2001
			FR 2809547 A1	30-11-2001
			US 2003048017 A1	13-03-2003